James Tindall
Vice President, Americas
IP and Optics

February 27, 2009

Mr. Frank P. Troy
Joint Interoperability Test Command
PO Box 12798
2001 Brainard Rd
Fort Huachuca, AZ 85670

Dear Mr. Troy,

Alcatel- Lucent would like to submit an updated letter of compliance for IPv6 certification. Alcatel-Lucent is submitting the Service Routers (SR) listed below for IPv6 certification. The Service Router (SR) family consists of the 7750 SR and 7710 SR products. Both utilize the same Service Router Operating System (SR-OS). Version 6.1 of SR-OS is being provided for testing. Since there are some physical differences between the 7750 SR and 7710 SRs, Alcatel-Lucent is submitting a representative model of each for testing.

Once IPv6 compliance has been established on the representative products tested, Alcatel-Lucent is requesting that IPv6 approval be granted across all the "sister" products named below since they are functionality identical. The exact variants of the SR family that we are requesting IPv6 approval are listed below:

* 7750 SR 12
* 7750 SR 7
* 7710 SR-c12
* 7710 SR-c4

In order to meet all the RFCs required, specifically the IPSec RFCs, we are bundling the 7750/7710s with Juniper's Firewall product line to terminate IPSec tunnels (the Juniper products received IPv6 certification as security devices at the JITC in Oct 2008.)

Alcatel-Lucent has reviewed the DOD IPv6 Standards Profiles for IPv6 Capable Products, Version 3.0, dated 01 July 2008. The list below indicates the IPv6 RFCs which are supported on the products being submitted for testing.

Alcatel Lucent has requesting and received the following waivers. In the case of Non-Compliance to RFC 4552, Authentication/Confidentiality for OSPFv3, our request was based on the listing of a Conditional Must without an "In-Effect Date" in the current signed version of the DoD IPv6 Standards Profile. The actual required implementation date was subsequently determined to be July 2009. In the case of RFC 4293, Alcatel Lucent is requesting a wavier due to partial compliance, with the understanding that the bugs associated with partial compliance will be addressed in the next product update.

Alcatel-Lucent
3400 West Plano Parkway, MS TMAR1
Telephone: 972 477 5366

IPv6 Base Requirements

RFC 2460	Internet Protocol, Version 6 (IPv6) Protocol Specification
RFC 4443	Internet Control Message Protocol (ICMPv6)
RFC 2461	Neighbor Discovery for IPv6
RFC 1981	Path MTU Discovery for IPv6
RFC 2462	IPv6 Stateless Address Auto configuration
RFC 4291	IPv6 Addressing Architecture
RFC 4007	Scoped Address Architecture
RFC 4193	Unique Local IPv6 Unicast Addresses

Multicast

RFC 2710	Multicast Listener Discovery for IPv6
RFC 3810	MLDv2 for IPv6
RFC 4601	Protocol Independent Multi-Cast – Sparse Mode (PIM-SM)

Connection Technologies

RFC 2464	IPv6 over Ethernet
RFC 5072	IPv6 over PPP

IP SEC (w/ Juniper Secure Services Gateway Firewall- (These units were JITC certified 24 Oct 2008- Screen OS 6.2 will be the operating system used.)

RFC 4301	Security Architecture for the Internet Protocol
RFC 4302	IP Authentication Header
RFC 4303	IP Encapsulating Security Payload
RFC 4308	Cryptographic Suites for IP Sec
RFC 4305	Cryptographic Algorithm Implementation Requirements for Encapsulating Security Payload (ESP) and Authentication Header (AH)
RFC 4306	Internet Key Exchange Version 2 (IKE) Screen OS 6.2 supports signaling IPv4 IPSEC tunnels with IKEv2. IPv6 IPSEC tunnels can only be signaled with IKEv1.
RFC 4307	Cryptographic Algorithm for use in Internet Key Exchange v2 (IKEv2)

Transition Mechanisms

RFC 4213	Transition Mechanisms for IPv6 Hosts and Routers

QoS

RFC 2474	Definition of the Differentiated Services Field

Network Management

RFC 3411	Architecture for Describing SNMPv6
RFC 3412	Message Processing and Dispatching for the SNMP
RFC 3413	SNMP Applications

Alcatel-Lucent
3400 West Plano Parkway, MS TMAR1
Telephone: 972 477 5366

MIBs

RFC 3595	Textual Conventions for IPv6 Flow Label
RFC 4022	Management Information Base of the Transmission Control Protocol
RFC 4113	Management Information Base for the User Datagram Protocol
RFC 4293	Management Information Base for IP (see note above)
RFC 4292	IP Forwarding Table MIB

Interior Router

RFC 2740	OSPF for IPv6

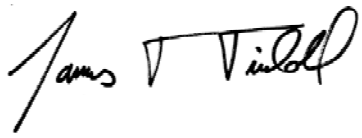
Exterior Router

RFC 4271	Border Gateway Protocol (BGP-4)
RFC 1772	Application of the Border Gateway Protocol in the Internet
RFC 2545	Use of BGP-4 Multi-Protocol Extensions for IPv6 Inter Domain Routing
RFC 4760	Multi-Protocol Extensions for BGP-4

Automatic Configuration

RFC 3315	Dynamic Host Configuration Protocol for IPv6

Sincerely,



Jim Tindall
Vice President, Americas
IP and Optical
3400 W Plano Pkwy, TMAR1
Plano, TX 75075
972 477 5366
James.Tindall@alcatel-lucent.com